GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2772
ANSWERED ON:05.12.2007
DE CONTAMINATION KIT BY BARC
Tripathy Shri Braja Kishore

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the Bhabha Atomic research Centre (BARC) has designed and developed a portable personnel de-contamination kit;

(b) if so, the details in this regard;

(c) whether this kit has been designed for the use of the general public; and

(d) if so, the locations in the country where the said kit is likely to be available?

Answer

THE MINISTER OF STATE IN THE PRIME MINISTER`S OFFICE(SHRI PRITHVIRAJ CHAVAN)

a) Yes, Sir.

b) The Portable Personnel Decontamination Kit (PPDK) is designed for removal of external contamination of people affected in case of any nuclear/radiological emergency. Its tubular structure can be inflated/deflated within 20 minutes by 4 persons. It is equipped with batteries, inverters and pumps to work even in the absence of electrical supply. It requires water supply that will be provided by first responders (such as fire brigade). The whole PPDK gets packed and can be transported in eight rucksacks. Total weight of the packages is ~ 150 kg.

(c)Yes, Sir. The PPDK is designed to be portable for providing basic de-contamination services n public domain.

(d)Currently, one such system is available with BARC and is under evaluation by user agencies. Subsequently more units will be kept at selected locations for deployment, as needed.